In the Specification:

Please amend the specification as follows **by adding the material shown by double-underlining (the single underlined material is not new)** and deleting the struck-through material:

Please replace the paragraph on page 33, lines 1–13 with the following amended paragraph.

-- The Ese1 sequence was obtained from a single clone, whereas the Ese2 reading frame was predicted from the overlap of two cDNA clones. The DBL/PH/C2 region of Ese1L was obtained using PCR with an upstream primer designed from sequences within the DBL/PH domain region: GAAGGAGAACTCAGACCGGCTGGAGTGGAT (SEQ ID NO:28; this sequence was obtained from one partial Ese1L clone which we had isolated from a mouse brain cDNA library). This upstream primer was paired with downstream primers for the vector. The DBL/PH/C2 region of Ese2L was obtained using PCR with upstream and downstream primers flanking the site in Ese2 where sequence divergence had been noted within an EST clone (upstream Ese2 sequence: GACAGAGGAGCGGTACATGGA, SEQ ID NO:29; and downstream Ese2 sequence: AGCTCCCCTGGTTCTGGCTTC, SEQ ID NO:30). The mouse Eps15 cDNA was generated through a combination of high stringency library screening with Est sequences from the Eps15 gene and rt PCR ~~PCT~~ according to established methods. --

Please replace the paragraph on page 33, lines 21–29 with the following amended paragraph.

-- The 5' end of pcDNA3Ese1 from the EcoRI site in the pcDNA3 polylinker to the start codon was replaced with the DNA sequence GAATTCAGAACC**ATG**GAACAAAAGCTTATTTCTGAAGAAGACTTGGGGCCCATG (SEQ ID NO:31): where the first ~~underline~~ underlined sequence corresponds to an EcoRI site which was fused into the pcDNA3EcoRI site and the extended underlined sequence codes for a myc-epitope tag. This is followed by nine nucleotides which

code for glycine, proline and the natural Ese1 start codon. This sequence was joined to the sequences coding for amino acids 2–1213 (the remainder of Ese1). The new start codon in this tagged Ese1 construct is bolded. The 3' end of Ese1 in this vector is the same as in pcDNA3Ese1 above. --

Please replace the two paragraphs on page 34, lines 1–17 with the following amended paragraphs.

-- This plasmid was constructed from four pieces. It contains the full length Eps15. The 5'UTR of this construct has been constructed to be GGATCCACC**ATG** (SEQ ID NO:36) where a BamHI site is underlined and the start codon is bolded. This BamHI site was fused to the BamHI site in pcDNA3. The 3'UTR in this vector is 204 nt of the mouse natural 3'UTR fused to a short cloning linker ending in the sequence AAGCTTGGGCCC (SEQ ID NO:37) where an ApaI site is underlined; this ApaI site was fused to the ApaI site in pcDNA3.

pcDNA3Eps15δC:

This vector is the same as pcDNA3Eps15 except that sequences downstream from and including mouse Eps15 coding nucleotide 1500 have been replaced with CCTGGATTACAAGGATGATGATGACAAA**TGA**CTCGAG (SEQ ID NO:32) where the first underlined sequence codes for the Flag-epitope, an inframe stop codon is bolded and an XhoI site is underlined. This XhoI site was fused to the polylinker in pcDNA3. The resulting plasmid encodes amino acids1–501 of mouse Eps15 fused to a C-terminal Flag epitope. The 5' end of Eps15 in this construct is as indicated above for pcDNA3Eps15. --

Please replace the paragraph on page 36, lines 5–11 with the following amended paragraph.

-- Rabbit anti-Ese1 antisera was raised against a peptide of the following sequence: MAQFPTPFGGSLDVWAITVEE (SEQ ID NO:33). The antisera was affinity purified over the same peptide (Research Genetics). This peptide was also used at 5μg to compete for the 5μg of antibody per immunoprecipitation reaction.

Chicken anti-Ese1 antisera was raised against a fusion protein between GST and amino acids 665–1213 of mouse Ese1. This sera was cleared of antibodies reacting against GST by incubation with glutathione s-transferase on glutathione agarose beads. --

At the end of the specification, please replace the present paper copy of the Sequence Listing with the attached substitute paper copy of the Sequence Listing.